

SHENFIL', Z.B., inzhener; TANUTROVA, Ye.F., arkhitektor; OSTROUMOV, A.N.,
redaktor

[Summer shelter for 100 head of cattle; frame walls; wooden supports
with filling of clay or adobe or with ordinary board siding] Lager'
dlia krupnogo rogatogo skota na 100 korov; steny karkasnye; derevian-
nye stoiki s zapolneniem glinoplenem ili samanom ili s obshivkoi
deskami. Proekt No.4-72. Moskva, 1955. 62 p. 20 fold. 1. (MIRA 9:12)

I. Russia (1923- U.S.S.R.) Ministerstvo gorodskogo i sel'skogo
stroitel'stva.
(Barns)

A. V. S. P. A., 1952.

Pollen, Fossil.

New heavy liquid for spore and pollen analysis. Izv. Ak SSSR. Ser. geog. no.4, 1952.

Monthly List of Russian Accessions, Library of Congress November 1952 UNCLASSIFIED.

SHENFINKEL', Yu.I.

ROZHDESTVENSKIY, S.N., kandidat tekhnicheskikh nauk; SHENFINKEL', Yu.I.,
inzhener; KIRILLOVSKIY, Yu.L., inzhener.

Accelerated motion of rotating bodies in viscous fluids at low
speeds. [Trudy] MVTU no.18:59-68 '53.
(Disks, Rotating) (Hydrodynamics) (MLRA 7:12)

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CIA-RDP86-00513R001549110004-6

SHENGALEV V.

MIKHAYLOPOLO, A.; DUSHIN, M.; SHENGALEV, V.; PODOLEKIN, N.; SAMO-KHVALOVA, I.

Answering Professor A.A.Gorshkov. Lit.proizv. no.6:31-33 S '54.
(Steel castings) (Gorshkov, A.A.) (MLRA 7:10)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549110004-6"

... M. M., I.; SULYAKOV, I., zamestittel' general'nogo konstruktora
samoleta TU-134; SHENGAROV, A., inzh.; KALINA, A., letchik

Tu-134 airplane. Grazhd. av. 41 no.12:29-31 I '64.
(MIRA 18:12)

1. Korrespondent zhurnala "Grazhdanskaya aviatsiya" (for
Malenchev).

BALAVADZE, B.K.; SHENGELAYA, G.Sh.

Experimental determination of the vertical gradient of gravity.
Dokl.AN SSSR 95 no.1:69-71 Mr '54. (MLRA 7:3)

1. Institut geofiziki Akademii nauk Gruzinskoy SSR, (Gravity)

SHENGELAYA, G.Sh.

Studying the density of rocks in the southern part of eastern
Georgia. Trudy Inst. geofiz. AN Gruz. SSR 16:231-235 '57.
(Georgia--Rocks--Density) (MIRA 11:6)

SHENGELAYA, G.Sh.

Quantitative interpretation of the Tiflis gravity anomaly. Soob.
AN Gruz, SSR 19 no.6:669-676 D '57. (MIRA 11:6)

1.Institut geofiziki AN GruzSSR, Tbilisi. Predstavлено членом-
корреспондентом AN GruzSSR P.D. Gamkrelidze.
(Tiflis--Gravity)

BALAVADZE, B.K.; SHENGELAYA, G.Sh.

Density determination of rock layers by underground gravity
measurements. Trudy Inst.geofiz.AN Gruz.SSR 17:447-453 '58.
(MIRA 13:4)

1. Institut geofiziki AN GruzSSR, Tbilisi.
(Caucasus--Rocks--Density) (Gravity)

SHENGELAYA, G.Sh.

Some results of determining rock densities in the eastern part of
the Greater Caucasus. Trudy Inst. geofiz. AN Gruz. SSR 18:189-197
'60. (MIRA 13:10)

(Caucasus—Rocks—Density)

S/169/62/000/008/015/090
E202/E192

AUTHORS: Balavadze, B.K., Gabuniya, V.P., Shengelaya, G.Sh.,
Abashidze, V.G., Kartvelishvili, K.M., and
Mindeli, P.Sh.

TITLE: Studies of gravitational field of the Bol'shoy Kavkaz

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 20,
abstract 8 A 134. (Geofizikis institutis shromebi.
Sakartvelos SSR Metsniyerebata Akademia, Tr. In-ta
geofiz. AN GruzSSR, v.19, 1960, 199-216).

TEXT: Results of the studies of the Kavkazkaya gravimetri-
cheskaya ekspeditsiya (Caucasian Gravimetric Expedition) of the
Institut geofiziki AN Gruz.SSR (Institute of Geophysics of the
AS Gruz. SSR) carried out between 1955 and 1958, in the region of
the Bol'shoy Kavkaz, are described. The measurements were carried
out on Norgard gravimeters. Two simultaneous observations were
taken which secured good control. Prior to the field work, the
apparatus was studied and particularly careful determination of
temperature coefficients, calibration in field conditions and
determination of the stability of the rate of division, was made. ✓

Card 1/5

Studies of gravitational field ...

S/169/62/000/008/015/090
E202/E192

The survey was based on 41 supporting points which are linked through the initial Tbilisi point with the Potsdam grid. The results of survey (1902 points) were completed by 57 pendulum points and 1393 points collected by industrial organisations. Method of survey in difficult and inaccessible mountainous regions is described. The errors in the determination of the anomalies are described. It is shown that in order to increase the accuracy of the gravity force reduction in mountainous regions, it is of greater importance to determine more accurately the density than the elevation of the point. The Δ_{2g} (Buge) anomalies are strongly deformed by the effect of the topography and hence for all the 3400 points the effect of the topography was taken into consideration within a radius of 200 km. Brunce and Zhongolovich (Zongolowicz) corrections were incorporated in the observations. A brief description of the gravitational field of Caucasus in the "free air" (Faya) reduction Δ_{1g} , and local topographic Δ_{2g} (Buge) reduction is given. Simultaneously with the survey, studies of rock densities were carried out which showed that the belt of density changes decreases with the increasing age of the rocks, and

Card 2/3

Studies of gravitational field ... S/169/62/000/008/015/090
E202/E192

the average density values tend asymptotically to a limit.

[Abstractor's note: Complete translation.]

Card 3/3

BALAVADZE, B.K.; SHENGELAYA, G. Sh.

Main features of the structure of the earth's crust of the Greater Caucasus, as determined from gravimetric data. Dokl. AN SSSR 136 no.6:1328-1330 F '61. (MIRA 14:3)

1. Institut geofiziki AN GruzSSR. Predstavлено академиком
N.S. Shatskim.
(Caucasus--Earth--Surface)

SHENGELEYA, G. Sh.

Geology of the western part of the Kura Lowland, based on
gravimetric data. Trudy Inst. geofiz. AN Gruz. SSR 20:183-194
'62. (MIRA 16:1)

(Kura Lowland—Gravity prospecting)
(Kura Lowland—Geology)

SHENGELAYA, G.Sh.

Use of gravimetric data in seismic zoning. Trudy Inst.
geofiz. AN Gruz. SSR 21:237-247 '63.

(MIRA 18:12)

BALAVADZE, B.K.; SHENGELAYA, G.Sh.

Densities of rocks on the territory of the Greater Caucasus.
Trudy Inst. geofiz. AN Gruz. SSR 22:153-170 '64.

(NRA 1E:12)

L 27609-66 EWT(1) GW

ACC NR: AP6018432

SOURCE CODE: UR/0215/65/000/012/0093/0099

AUTHOR: Balavadze, B. K.; Shengelaya, G. Sh.

41

ORG: Institute of Geophysics AN GruzSSR (Institut geofiziki AN GruzSSR)

B

TITLE: Gravimetric investigation of the structure of the earth's crust along the profile Akhalkalaki-Mizur-Stepnoy (Caucasus)

SOURCE: Sovetskaya geologiya, no. 12, 1965, 93-99

TOPIC TAGS: Earth crust, Earth gravity, seismology, petrology

ABSTRACT: This paper gives the results of a quantitative interpretation of gravimetric data obtained along a seismic profile in the Caucasus; the work was done by the Institute of Geophysics of the Georgian Academy of Sciences. Fig. 1 is a cross section of crustal structure in the investigated area. Full information is given on seismic and gravimetric investigations and geological studies made in this area, as well as an interpretation of gravity anomalies. The depth of the surface of the "basalt" layer along the profile varies from 25 to 35 km. This surface is at a great depth under the Akhalkalakskoye Plateau and the Greater Caucasus and is most uplifted under the Kura depression and locally elsewhere. The surface of the subcrustal substrate for the most part

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UDC: 550.42:553.31(471.55)

L 27609-66

ACC NR: AP6018432

D

duplicates the configuration of the surface of the "basalt" layer and its depth varies from 45 to 55 km. Its maximum depth is below the Greater Caucasus and the Akhalkalakskoye Plateau and the increase of the thickness of the earth's crust in these areas is accounted for primarily by an increase of the "granite" layer. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 08 / SUBM DATE: none / ORIG REF: 024

Card 2/2 CC

DZHAVAKHISHVILI, I.V.; SHENGELAYA, N.L.

Significance of colloidal reactions in acute hepatitis. Soob.
AN Gruz. SSR 27 no.4:497-500 O '61. (MIRA 15:1)

1. Tbilisskiy gosudarstvennyy meditsinskiiy institut. Predstav-
leno akademikom V.S. Asatiani.
(LIVER--NEGROSIS)

KASHAKASHVILI, N.V.; SHARADZENIDZE, S.A.; MALYSHEV, S.I.; CHKHEIDZE, Z.A.
GIBRADZE, Sh.S.; KHOSHTARIYA, Sh.F.; RUKHADZE, D.A.; SHARASHIDZE,
S. Sh. Prinimali uchastiyat SHENGELAYA, V.; OKROMCHEDLISHVILI,
Sh.; POPIASHVILI, Sh.; LOLUA, K.; MINDELI, M.; TSKHELISHVILI, D.;
GCRDEZIANI, N.; ODIKADZE, Ch.; TATARADZE, Z.; KHUTSISHVILI, A.

Production and use of highly basic, open-hearth furnace sinters
from Dashkesan iron ore. Trudy GPI [Gruz.] no.4:25-32 '62
(MIRA 17:8)

KURASHVILI, B.Ye.; PKHAKADZE, G.M.; SHENGELIA, F.V.

Some cytological data on Ascaris lumbricoides and Ascaris suum.
Genetika no.5:170-175 N '65. (MIRA 19:1)

1. Institut zoologii AN Gruzinskoy SSR, Tbilisskiy gosudarstvennyy universitet i Gruzinskiy ordena Trudovogo Krasnogo Znameni sel'skohozaystvennyy institut, Tbilisi. Submitted July 6, 1965.

FANASKERELI-TSITSISHVILI, Zaza, 15th cent.; SHENGELII, M.

[Book on medicine] Lechebnaia kniga-karabadini. Obrabotka
teksta, issledovanie i slovar' M.Shengelii. Tbilisi, Sabchota
Sakarvelo, 1959. 386 p. (MIRA 14:11)
(GEORGIA—MEDICINE—DICTIONARIES)

SHENGELIA, D.M.

Genesis of tourmaline from sand-clay schists of the Dar'yal Gorge.
Izv. Geol. ob-va Gruz. 3 no.1:67-69 '63. (MIRA 17:9)

SHENGELIA, D.M.

Genesis of amphibolite and ultrabasic rocks of the Dar'yal massif. Soob. AN Gruz. SSR 30 no. 3:305-310 Mr '63.

(MIRA 17:6)

1. AN Gruzinskoy SSR, Geologicheskiy institut, Tbilisi.
Predstavлено академиком Г.С. Дзотсенидзе.

SHENGELIA, David Mikhaylovich; TATRISHVILI, N.F., red.

[Petrology of the Dar'yal Massif.] Petrologija Dar'il'skogo massiva. Tbilisi, Metsniereba, 1965. 102 p. (Akademija nauk Gruzijskoj SSR, Tiflis. Geologicheskij institut. Trudy. Novaia serija, no.4) (MIRA 18:11)

SHENGELIYA, D.M.

Genesis of Dar'yal granitoids. Trudy Geol.inst.AN Gruz.SSR.
Min. i petr. ser. 6:191-197 '61. (MIRA 15:9)
(Kazbegi District--Granite)

ABESADZE, M.B.; SHENGELIYA, D.M.

Ancient sedimentary metamorphic rocks of the Khram crystalline massif. Soob. AN Gruz. SSR 26 no.5: 527-530 My '61. (MIRA 14:8)

1. Geologicheskiy institut AN GruzSSR, Tbilisi. Predstavleno akademikom G.S. Dzotsenidze.
(Khram Valley--Rocks, Crystalline and metamorphic)

SHENGELIYA, D.M.

Quartz-hornblende-plagioclase veins of the Dar'yal Gorge.
Soob. AN Gruz. SSR 27 no.6:691-697 D '61. (MIRA 15:2)

1. Geologicheskiy institut AN Gruzinskoy SSR, Tbilisi. Predstavлено
академиком Г.С.Дзотсенидзе.
(Dar'yal Gorge--Petrology)

SHENGELIYA, G.G.

Applying Green's iterated function in solving boundary value
problems in thin plates [in Georgian with summary in Russian].
Trudy GPI no.6:63-66 '56. (MIRA 11:2)

1. Kafedra stroitel'noy mekhaniki Gruzinskogo politekhnicheskogo
instituta im. S.M. Kirova, Tbilisi.
(Elastic plates and shells)
(Functions)

SHENGELIYA, I. D.; VAKHTANGADZE, S. K.; SHENGELIYA, G. G.; SHENGELIYA, N. A.; ARSENASHVILI, S. Sh.; LIKHECHEV, L. L.

New clay-lime wall blocks. Trudy GPJ [crossed out] no. 43159-161-169.
[unclear] (Mira 17:5)

SHENGELIYA, I.A.

Experience in examining the rural population of the Georgian S.S.R.
for tuberculosis from 1953- till 1954 [with summary in French].
Probl.tub. 34 no.5:8-12 S-0 '56. (MIRA 10:11)

1. Iz Respublikanskogo instituta tuberkuleza Ministerstva zdravo-
okhraneniya Gruzinskoy SSR (dir. - prof. G.Z.Ingsaridze)
(TUBERCULOSIS, PULMONARY, prev. and control
in Russia, in rural population)

MIKELADZE, A.L.; SHENGELIYA, I.A.

Session of the Republic Institute of Tuberculosis Research of the
Ministry of Public Health of the Georgian S.S.R. Probl.tub. 34
no.5:71-74 S-O '56. (MIRA 10:11)
(GEORGIA--TUBERCULOSIS)

SHENGELIYA, I. A.: Master Med Sci (diss) -- "Tuberculosis and the organization
of antituberculosis work in the rural areas of the eastern portion of the
Georgian SSR". Tbilisi, 1958. 18 pp (Tbilisi State Med Inst), 150 copies
(KL, No 5, 1959, 158)

SHENGELIYA, I.D.; ZAVRIYEV, K.S., deystvitel'nyy chlen.

Thermal technical calculation of winter placing of concrete for industrial jobs by the "thermos" method. Sibob.AN Gruz.SSR 14 no.1:41-45 '53.
(MLRA 6:9)

1. Akademiya nauk Gruzinskoy SSR (for Zavriyev). 2. Tbilisskiy institut inzhenerov zheleznodorozhnogo transporta im. V.I.Lenina (for Shengeliya).
(Concrete--Cold weather conditions)

SHENGELIYA, I.D.

Unloading area calculations for warehouses. Soob.AN Gruz.SSR 16
no.10:799-802 '55. (MLRA 9:5)

1. Akademiya nauk Gruzinskoy SSR, Institut stroitel'nogo dela,
Tbilisi. Predstavleno deystvitel'nym chленom Akademii K.S.
Zavriyevym.
(Loading and unloading)

Shonashvili, I. I.

Shonashvili, I. D.

"New methods of determining the locations of transport centers on construction sites." Published by the Acad Sci Georgian SSR. Min Higher Education USSR. Georgian Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1956. (Dissertation For the Degree of Doctor in Technical Sciences.)

Knizhnaya letopis'
go 21, 1956. Moscow.

SHENGELIYA, I.D.; VAKHTANGADZE, S.K.

Decreasing the cost of precast reinforced concrete [in Georgian
with summary in Russian]. Trudy GPI no.6:115-118 '56.
(MIRA 11:2)

J.Kafedra stroitel'nogo proizvodstva Gruzinskogo politekhnicheskogo
instituta im. S.M. Kirova, Tbilisi.
(Precast concrete construction)

SHENGELEYA, I. D.

-- Prestressed continuous units for large-panel buildings.
Trudy GPI [Gruz.] no. 4:137-151 '63. (MIRA 17:5)

SHENGELIYA, I. D.; VAKHTANGADZE, S. K.; SHENGELIYA, G. G.; SHENGELIYA,
N. A.; ARSENASHVILI, S. Sh.; LIKHECHEV, L. L.

new clay-lime wall blocks. Trudy CPI [crossed out] no. 4119-161-163. .
(MIRA 17:5)

SHENGELIYA, I.I.

Atmospheric pollution in Rustavi by waste from the Stalin metallurgical plant and its control. Gig. i san, 21 no.11:89-90 N '56.
(RUSTAVI--AIR--POLLUTION) (MLRA 10;2)

SHENGELIYA, I.I., kand.med.nauk

Problems of public health organization at the first congresses
of representatives of Caucasian cities; on the history of sanitary
affairs. Gig.i san. 25 no.2:39-43 F '60. (MIRA 13:6)

1. Iz Nauchno-issledovatel'skogo instituta sanitarii i gigiyeny
Ministerstva zdravookhraneniya Gruzinskoy SSR.
(CAUCASUS--PUBLIC HEALTH)

MSHVENIYERADZE, D.M.; TOGONIDZE, V.R.; KVACHADZE, D.Ye.; SHENGELIYA, L.T.;
DZHAPARIDZE, N.N.; CHKHEIDZE, V.V.; SACHALELI, I.A.; TKEMALADZE, R.K.

Results of studying the compaction of loess by heavy tampers
in the city of Rustavi. Trudy GPI [Gruz.] no.1:139-144 '63.
(MIRA 18:2)

SHENGELIJA, M. K.

Shengeliya, M. K. - "The chemical composition and food value of crude fodders of Eastern Georgia", Sbornik trudov (Gruz. zootekhn.-vet. in-t), Vol. VI, 1948, p. 49-61, with table, (In Georgian, resume in Russian).
SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

SHENGELIYA, M. S., Doc Med Sci -- "Certain basic ^{problems} questions
of the ancient Georgian medicine and the 'Medical Book'
of Zaza Panaskerteli-Tsitsishvili." Tbilisi, 1961. (Tbilisi
State Med Inst) (KL, 8-61, 258)

" 424 "

SHENGELIYA Mikhail Sofronovich

[Studies from the history of medicine in Georgia] [Etiudy iz
istorii meditsiny Gruzii. Tbilisi, Gos.izd-vo "Sabchota
Sakartvelo"] 1963. 296 p. [In Georgian] (MIRA 17:4)

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CIA-RDP86-00513R001549110004-6

С. С. К. М. ... Shengenya, And.

М. А. Р. ... - 2000. 1. - Оригиналът електронен документ е създаден във
правителствена обработка. Имал (Брз. съдържан. и национал. ки рова), № 14, 1948
г., във Франция. №. - БД 211 Ср: 19 Нарв.

SO: История на СССР, Vol. 36, 1949

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CIA-RDP86-00513R001549110004-6"

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SHENGELIYA, I. D.; VAKHTANGADZE, S. K.; SHENGELIYA, G. G.; SHENGELIYA,
N. A.; ARSENASHVILI, S. Sh.; LIKHECHEV, L. L.

New clay-lime wall blocks. Trudy CPI [Cruze.] no. 4115-161-163.
(MIRA 17:5)

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CIA-RDP86-00513R001549110004-6"

SHENGELIYA, P. G.

His works include: The Utilization of Pressures Lost in the Daily Regulation of Dams and Basins 1949; "Economic Calculation of Water Conduits of Hydroelectric Stations With a Calculation of the Local Losses," printed in Trudy of the Institute of Power Engineering, Vol. VI, 1951; "The Problem of the Rational Division of the Fall of a River Into Teaches in the Cascade Plan of Utilization," presented by A.I. Didebulidze, 15 Jan 51; "The Work of the Power Engineers of Georgia"; "The Problem of Making More Accurate Calculations on the Establishment of Optimum Dimensions of Water Conduits for Hydroelectric Stations," presented by Corresponding Member G.K. Gedevanishvili, 4 Aug. 51.

SO: Sum. 117, 9 Nov 53.

1. SHENGELIYA, P.G.
2. USSR (600)
4. Hydroelectric Power
7. Effective layout of water levels in a cascade system for exploiting the fall of a river.
Soob. AN Gruz.SSR No. 10 1951.
9. Monthly List of Russian Accessions. Library of Congress, April 1953, Uncl.

1. SHENGELIYA, P. G., MOSTKOV, M. A.
2. USSR (600)
4. Hydraulic Engineering
7. Letter to the editor. Gidr. stroi. 21, no.9, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

SHENGELIYA, T. G.

Engineers, Georgian

Works of Georgian power engineers. Vest AN SSSR 22 No. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, October 1957, 2 Uncl.

SHENGELIYA, P.G.

Analytic expression for the production of hydroelectric power
stations. Trudy Energ. inst. AN Gruz. SSR 8:3-21 '53.
(Hydroelectric power stations) (MIRA 11:10)

SHENGELIYA, P.G.

Power equations and output of hydroelectric power plants. Soob.AN
Gruz.SSR 14 no.7:421-426 '53. (MLRA 7:5)

1. Akademiya nauk Gruzinskoy SSR Institut energetiki, Tbilisi.
(Hydroelectric power stations—Tables, calculations, etc.)

SHENGELIYA, P.G.

Most advantageous yield from water reservoirs. Soob. AN Gruz.SSR
14 no.8:493-500 '53. (MIRA 7:5)

1. Akademiya nauk Gruzinskoy SSR Institut energetiki im. A.I.Dedebulidze,
Tbilisi. Predstavлено деяствител'nym chlenom Akademii K.S.Zavriyevym.
(Reservoirs) (Hydroelectric power)

CHENGELIYA, P. G.

P. CHENGELIYA, the Director of the Inst. of Power Engineering, Acad. of Sci., GEO SSR, wrote an article, "Essential Tasks of the Science of Power Engineering in Georgia."
SO: Zarya Vostoka, 24 Apr 1994, Uncl.

SHENGELIYA, P.G.

Head utilization in short-period control. Soob. AN Gruz. SSR 16 no.6:
463-468 '55. (MLRA 9:2)

I. Akademiya nauk Gruzinskoy SSR, Institut energetiki imeni A.I. Di-
debulidze, Tbilisi. Predstavleno chленem-korrespondentom Akademii
G.K. Gedevamishvili.
(Hydroelectric power stations)

SOV/124-57-9-10355

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 9, p 67 (USSR)

AUTHOR: Shengeliya, P. G.

TITLE: The Utilization of the Pressure Heads of Hydroelectric Power Plants During Short-term Regulation (Ispol'zovaniye naporov gidroelektrostantsiy pri kratkovremennom regulirovaniy)

PERIODICAL: Tr. In-ta energ. AN GruzSSR, 1956, Vol 10, pp 3-18

ABSTRACT: The paper presents analytical results relative to the problem of the utilization of hydroelectric power-plant pressure heads which are lost during the operation of short-term control reservoirs. The analysis is based on the scheme of a hydroelectric power plant where the reservoir for day-by-day regulation is a valley reservoir located in the head water of the system. In this case there are two ways of utilizing the energy being lost. In the first case, for the purpose of utilizing part of the pressure head which otherwise would be lost, there is built at the end of the reservoir a storage dam combined with an open-type diversion channel, the end section of which is connected to a penstock branch line by means of a spillway. In the second case, with a cascade utilization of the water energy, the intake of water into the open

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SOV/124-57-9-10355

The Utilization of the Pressure Heads of Hydroelectric Power Plants (cont.)

diversion channel is made directly from a diversion channel from the uppermost step of the cascade. The paper describes the operating regimes of a hydroelectric power plant during day-by-day regulation with the inclusion of the valley storage reservoir, when the discharge rate of the hydroelectric power plant is greater than the flow rate of the river, when these rates are equal, and when the latter rate is greater than the former. Appropriate graphic charts of the changes in the flow rates, the pressure heads, and the power output of the hydroelectric power plant are presented. The author further analyzes basic examples of the utilization of energy otherwise lost during short-term regulation with various schemes of hydroelectric power plants and of locations of the regulatory basins. The design calculation for a proposed new operating regime for a hydroelectric power plant, with the utilization of the pressure head otherwise lost, is presented in the paper, together with the economic background for one of the hydroelectric power plants of the Georgian SSR. Bibliography: 5 references.

M. M. Semchinoya

Card 2/2

14-57-6-12284

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 82 (USSR)

AUTHOR: Shengeliya, P. G.

TITLE: Method for Calculating Available Energy by Dividing
River Drop Into Parts (K metodike energoekonomi-
cheskikh raschetov pri razbivke padeniya reki na
b'yefy)

PERIODICAL: Tr. In-ta energ. AN GruzSSR, 1956, Vol 10, pp 181-
185

ABSTRACT: Bibliographic entry

Card 1/1

ITONISHVILI, Yu.B.; SHENGELIYA, P.G., red.; AVALLANI, N.M., red. izd-va;
TODUA, A.P., tekhn.red.

[The washing away of sediments deposited by the lateral inflow
of tributaries] Razmyv bokovykh vynosov. Tblisi. Izd-vo AN Gruz.
SSR., 1958. 79 p. (Akademiia nauk Gruzinskoi SSR. Tiflis, Ener-
geticheskii institut. Trudy, vol. 12, no.1) (MIRA 12:1)
(Hydrology)

TAVADZE, F.N., otv. red.; AGLADZE, R.I., red.; ARCHVADZE, Sh.R., red.;
VACHNADZE, N.D., red.; GVELESLANI, G.G., red.; GUDZHEDZHLANI, B.I., red.;
DZHANELIDZE, A.I., red.; DZOTSENIDZE, G.S., red.; DURMISHIDZE,
S.V., red.; KETSKHOVELI, N.N., red.; MIKELADZE, I.S., red.;
RUBINSHTEYN, M.M., red.; TVALCHRELIDZE, A.A., red., [deceased];
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 K.F. Chumakov, M.B. Bostanov, Candidate of Technical Sciences, B.K. Molchanov,
 and I.M. Bunkov. Candidate of Technical Sciences, N.M. Izobed, Candidate of Technical Sciences,
 and I.M. Bunkov.

INTRO: This collection of articles is intended as a tribute to the memory
 of Academician G.M. Krzhizhanovsky.

CONTENTS: The collection contains thirty articles by former students and
 co-workers of the deceased Academician. The articles deal with problems
 of a wide range of subjects in the field of power engineering problems
 of the regional development of electrical and thermal power engineering,
 power engineering technology and the physics of combustion. No personalities
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Inst : The Institute of Zoology of the Academy of Sciences
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Zone of Tbilisi

Orig Pub: Tr. In-ta Zool. AN GruzSSR, 1956, 15, 35-49

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